

12-29-04

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

DEC 28 2004

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26285 7590 09/29/2004

KIRKPATRICK & LOCKHART LLP
 535 SMITHFIELD STREET
 PITTSBURGH, PA 15222

12/30/2004 EAREGAY2 00000017 10634035

01 FC:1504	300.00 0P
02 FC:2501	700.00 0P
03 FC:8001	30.00 0P

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Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)

(Signatures)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/634,035	08/04/2003	Richard D. McCullough	010500DIV2	5277

TITLE OF INVENTION: POLYTHIOPHENES, BLOCK COPOLYMERS MADE THEREFROM, AND METHODS OF FORMING THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$665 700.	\$300	\$665,100.	12/29/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
GORR, RACHEL F	1711	528-073000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 - (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kirkpatrick & Lockhart LLP
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Carnegie Mellon University

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Pittsburgh, PA 15213

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

- Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies 10

4b. Payment of Fee(s):

- A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 11-1110 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
 b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

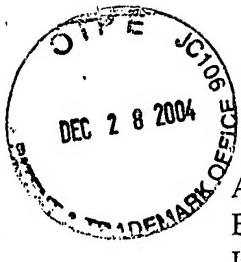
Typed or printed name William E. Kuss

Date 12/28/04

Registration No. 41,919

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 1711 :
Examiner: Rachel F. Gorr :
In re application of: : POLYTHIOPHENES, BLOCK COPOLYMERS MADE
Richard D. McCullough el al. : THEREFROM AND METHODS OF FORMING
Serial No.: 10/634,035 : THE SAME
Filed: August 4, 2003 : Confirmation No. 5277

**Mail Stop: Issue Fee
Commissioner for Patents
P.O. Box: 1450
Alexandria, VA 22313-1450**

EXPRESS MAIL CERTIFICATE

"Express Mail" label number ED249802674US

Date of Deposit December 28, 2004

I hereby certify that the following attached paper or fee
TRANSMITTAL OF PAYMENT OF ISSUE FEE
PTO FORM-85B (In duplicate)
CHECK PAYABLE TO PTO

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: **Mail Stop: Issue Fee, Commissioner for Patents, P.O. Box: 1450, Alexandria, VA 22313-1450**

Beth H. Retort

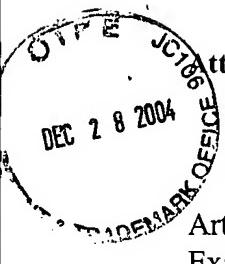
(Type or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

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NOTE: The label number need not be placed in each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

(Express Mail Certificate [8-3])



Attorney's Docket No. 010500DIV2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 1711 :
Examiner: Rachel F. Gorr :
In re application of: : POLYTHIOPHENES, BLOCK COPOLYMERS MADE
: THEREFROM AND METHODS OF FORMING
: THE SAME
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TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. 1.311)

1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.

2. Fee (37 C.F.R. 1.18(a) and (b)):

Application status is:

small business entity-fee

Regular

Design

A small entity. See 37 C.F.R. § 1.27 (65 Fed. Reg. 54603, September 8, 2000).

\$700.00

\$400.00

other than a small entity-fee

\$1,400.00

\$800.00

3. Payment of fee:

Enclosed please find check for \$ 1,030.00 (Including Publication Fee).

Charge Account 11-1110 for any fee deficiency.

Charge Account _____ the sum of \$ _____.
A duplicate of this request is attached.


SIGNATURE OF ATTORNEY

William E. Kuss

(type or print name of person certifying)

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Henry W. Oliver Building

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Pittsburgh, PA 15222-2312

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